

Title (en)

USE OF AN APPARATUS FOR TRANSPORTING FUELS IN A GASIFICATION REACTOR

Title (de)

VERWENDUNG EINER VORRICHTUNG ZUR FÖRDERUNG VON BRENNSTOFFEN IN EINEN VERGASUNGSREAKTOR

Title (fr)

UTILISATION D'UN DISPOSITIF DE TRANSPORT DE COMBUSTIBLES DANS UN RÉACTEUR DE GAZÉIFICATION

Publication

**EP 2738239 B1 20180905 (DE)**

Application

**EP 12450051 A 20121129**

Priority

EP 12450051 A 20121129

Abstract (en)

[origin: EP2738239A1] The device comprises a bulk material container (21) that comprises a conveyor tube (3) which is provided on a discharge opening and a lateral supply opening (12) of a gasification reactor (1). A mechanical conveying apparatus (4) is arranged in the conveyor tube. The conveying apparatus comprises a hydraulically driven plunger (10) which is displaceably guided in the conveying direction of one cylindrical axial portion (19) of the conveying tube, and a compression cone (11) in the conveying direction of other axial portion (20) of the conveying tube for continuously decreasing the fuel. An independent claim is included for a gasification reactor.

IPC 8 full level

**C10J 3/30** (2006.01); **B65G 25/08** (2006.01); **F23K 3/12** (2006.01)

CPC (source: EP US)

**B65G 25/08** (2013.01 - US); **C10J 3/30** (2013.01 - EP US); **F23K 3/12** (2013.01 - EP US); **B65G 53/08** (2013.01 - EP US); **C10J 2200/154** (2013.01 - EP US); **C10J 2200/156** (2013.01 - US); **F23G 2205/10** (2013.01 - EP US)

Citation (examination)

GB 2317141 A 19980318 - HAMILTON ROBIN [GB]

Cited by

CN104140850A; CN104140849A; WO2018073328A1

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DOCDB simple family (publication)

**EP 2738239 A1 20140604**; **EP 2738239 B1 20180905**; BR 112015011780 A2 20170711; BR 112015011780 B1 20210202; CN 104968767 A 20151007; CN 104968767 B 20180619; DK 2738239 T3 20181119; ES 2700931 T3 20190220; HR P20181612 T1 20181214; HU E042135 T2 20190628; JP 2016504438 A 20160212; JP 6244368 B2 20171206; KR 101989002 B1 20190613; KR 20150088885 A 20150803; MY 194259 A 20221125; PH 12015501171 A1 20150810; PH 12015501171 B1 20150810; PL 2738239 T3 20190228; PT 2738239 T 20181214; RS 58001 B1 20190228; SI 2738239 T1 20181130; TR 201816412 T4 20181121; US 10696912 B2 20200630; US 2015299587 A1 20151022; US 2019016979 A1 20190117; WO 2014083417 A1 20140605; ZA 201503599 B 20160428

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